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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Jörg Stürzebecher et al.

Art Unit:

Serial No.:

Not yet assigned

Examiner:

Filed:

September 2, 2004

Customer No.:

21559

Title:

INHIBITORS OF THE BLOOD-CLOTTING FACTOR Xa,

PRODUCTION THEREOF AND USE OF THE SAME

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## **INFORMATION DISCLOSURE STATEMENT**

Applicants submit the references listed on the enclosed Form PTO-1449, copies of which are enclosed. A copy of a search report from a corresponding international application is also enclosed.

Submission of this statement is not a representation that a search has been made, nor is the inclusion of information in this statement an admission that the information is material to patentability.

This statement is being filed with the application.

If there are any charges or any credits, please apply them to Deposit Account No. 03-2095.

Respectfully submitted,

Date: 2 Scotube 2004

Karen L. Elbing, Ph.

Clark & Elbing LLP 101 Federal Street Boston, MA 02110

Telephone: 617-428-0200 Facsimile: 617-428-7045

F:\50125\50125.095001 Information Disclosure Statement filed with app.doc

Attorney Docket No. SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE 50125/095001 PATENT AND TRADEMARK OFFICE (MODIFIED) Serial No. Not yet assigned Applicant Jörg Stürzebecher et al. INFORMATION DISCLOSURE Filing Date STATEMENT BY APPLICANT September 2, 2004 (Use several sheets if necessary) Group Not yet assigned (37 C.F.R. § 1.98(b)) **IDS Filed** September 2, 2004 **U.S. PATENTS** Examiner's Patent Number Issue Date Patentee Class Subclass Filing Date Initials (If Appropriate) 6,030,972 02/29/00 Bohm et al. 5,726,159 03/10/98 Schacht et al. FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION Examiner's Document Publication Country or Class Subclass Translation Initials Number Date Patent Office (Yes/No) WO 01/96366 A2 12/20/01 PCT WO 00/58346 10/05/00 PCT WO 94/29336 12/22/94 **PCT** OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION) Dixon, "The Determination of Enzyme Inhibitor Constants," Biochem. J. 55:170-171 (1953). Frèrot et al., "PyBOP® and PyBroP: Two Reagents for the Difficult Coupling of the α, α-Dialkyl Amino Acid, Aib," Tetrahedron 47:259-270 (1991). Hara et al., "DX-9065a, a New Synthetic, Potent Anticoagulant and Selective Inhibitor for Factor Xa," Thrombosis and Haemostasis 71:314-319 (1994). Herbert et al., "DX 9065A, a Novel, Synthetic, Selective and Orally Active Inhibitor of Factor Xa: In Vitro and In Vivo Studies," The Journal of Pharmacology and Experimental Therapeutics 276:1030-1038 (1996). Ho et al., "Exploratory Solid-Phase Synthesis of Factor Xa Inhibitors: Discovery and Application of P3-Heterocyclic Amides as Novel Types of Non-Basic Arginine Surrogates," Bioorganic & Medicinal Chemistry Letters 9:3459-3464 (1999). Kettner et al., "The Selective Affinity Labeling of Factor Xa by Peptides of Arginine Chloromethyl Ketone," Thrombosis Research 22:645-652 (1981). Kim et al., "Preparation of Argatroban Analog Thrombin Inhibitors with Reduced Basic Guanidine Moiety, and Studies of Their Cell Permeability and Antithrombotic Activities," Med. Chem. Res. 377-383 (1996). Kirk, "4-Lithio-1-Tritylimidazole as a Synthetic Intermediate, Synthesis of Imidazole-4-Carboxaldehyde," J. Heterocyclic Chem 22:57-59 (1985). Künzel et al., "4-Amidinobenzylamine-Based Inhibitors of Urokinase," Bioorganic & Medicinal Chemistry Letters 12:645-648 (2002). **EXAMINER** DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.

Sheet 2 of 2

	FORM PTO-1449			Attorney Docket No.	50125/096001 7 0 7		
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			Filing Date	September 2, 2004			
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(37 C.F.R. § 1.98(b))			IDS Filed	September 2, 2004			
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